

How to change spark plugs on Mercedes W202 – replacement guide

 VIDEO TUTORIAL

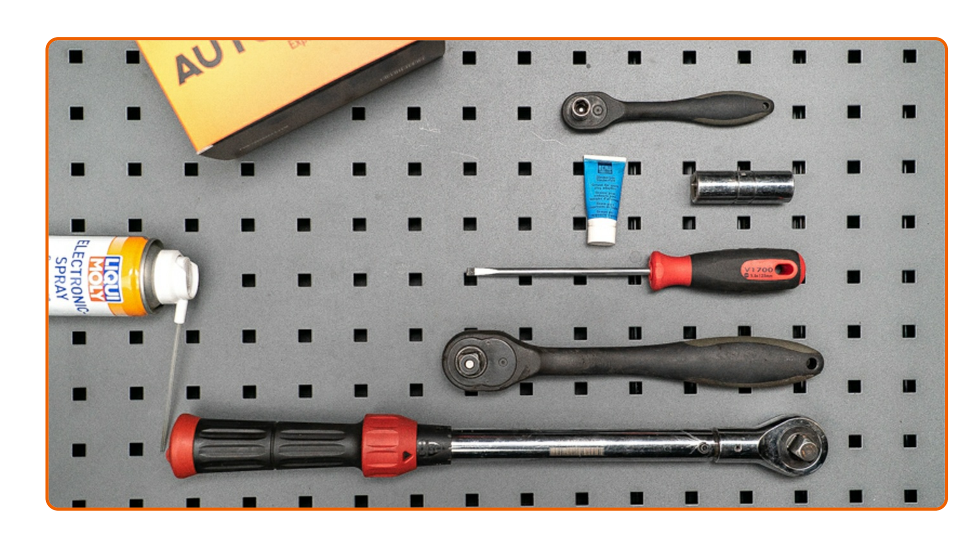
Important!

This replacement procedure can be used for:
MERCEDES-BENZ C-CLASS (W202) C 220 (202.022)

The steps may slightly vary depending on the car design.



REPLACEMENT: SPARK PLUGS – MERCEDES W202. LIST OF THE TOOLS YOU'LL NEED:



- High-temperature anti-seize lubricant
- Spark plug socket # 16
- HEX bit no.H5.
- Ratchet wrench
- Torque wrench
- Flat Screwdriver
- Fender cover

Replacement: spark plugs – Mercedes W202. Tip from AUTODOC:

- The replacement procedure is the same for all spark plugs.
- All work should be done with the engine stopped.

REPLACEMENT: SPARK PLUGS – MERCEDES W202. RECOMMENDED SEQUENCE OF STEPS:

1



Open the hood.

2



Use a fender protection cover to prevent damaging paintwork and plastic parts of the car.

3



Detach the air intake hose clamp. Use a flat screwdriver.

4



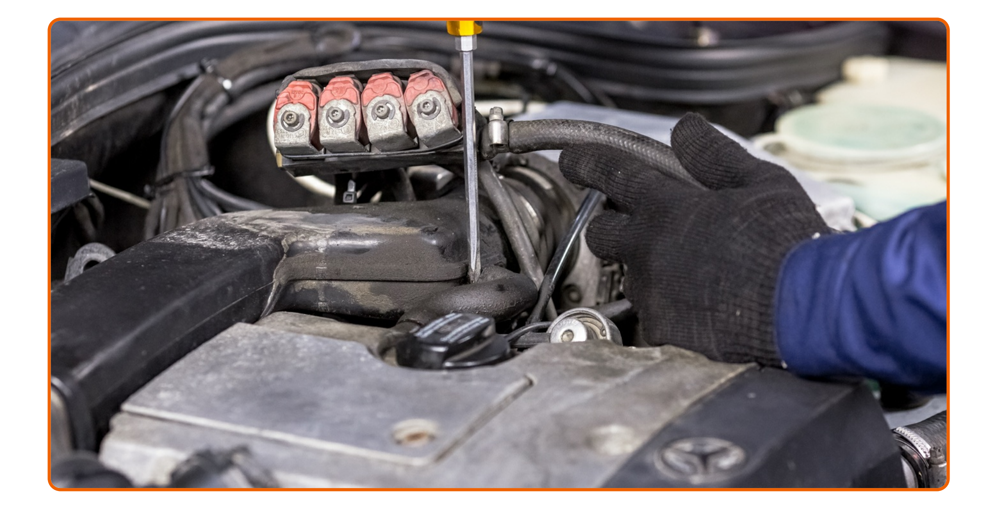
Unplug the mass air flow sensor connector.

5



Disconnect the air intake pipe from the air filter housing.

6



Unscrew the clamp that fastens the air filter hose to the throttle body. Use a flat screwdriver.

7



Detach the vacuum pipe. Use a flat screwdriver.

8



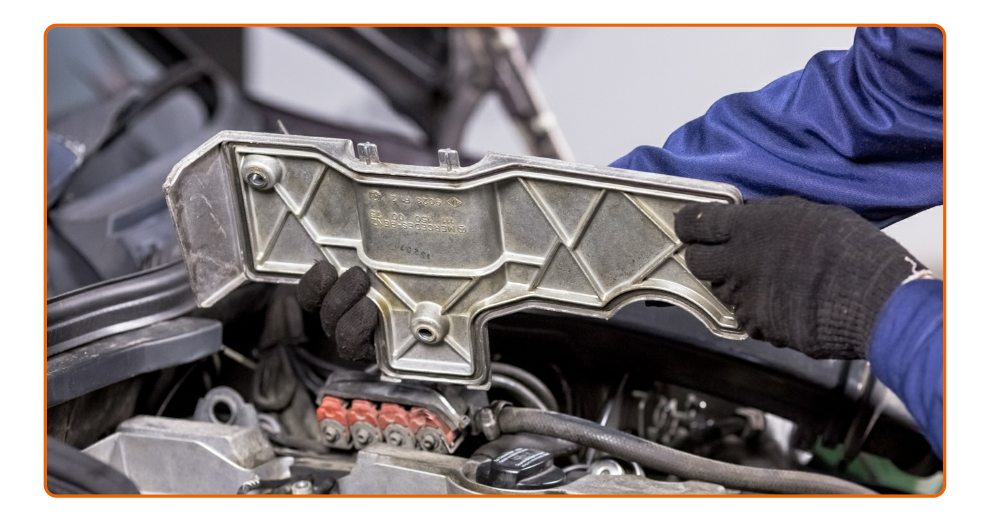
Dismantle the air filter pipe.

9



Unscrew the engine cover fastener. Use HEX No.H5. Use a ratchet wrench.

10

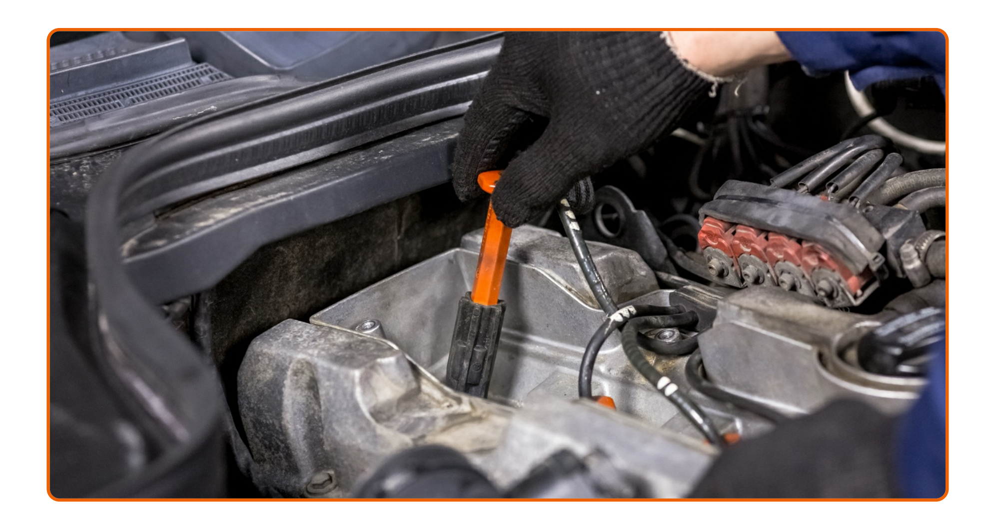


Remove the engine cover. Use a flat screwdriver.

AUTODOC recommends:

- Replacement: spark plugs – Mercedes W202. To avoid damaging the part when removing it, do not use excessive force.

11



Remove the spark plug wire connectors from the spark plug wells.



Replacement: spark plugs – Mercedes W202. Professionals recommend:

- Be careful to avoid damaging spark plug wires.
- Remember the sequence of the spark plug wires connectors.

12

Clean dirt, dust and debris from inside the spark plug wells.

13



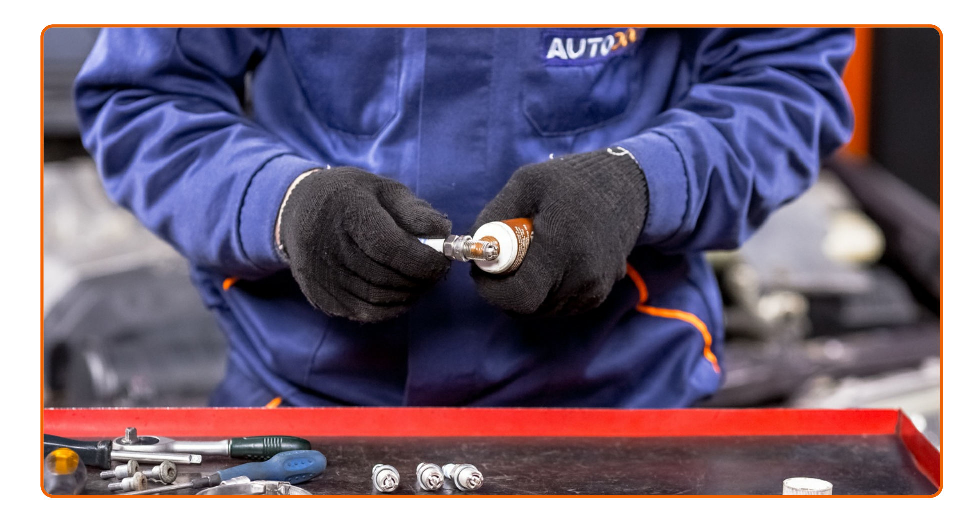
Unscrew the spark plugs. Use the spark plug socket #16. Use a ratchet wrench.

14



Take out the spark plugs. Use the spark plug socket #16.

15



Apply a thin layer of a special high temperature anti-seize lubricant to the threads of the new spark plugs.



16



Install the new spark plugs into their mounting seats. Use the spark plug socket #16.

17



Screw new spark plugs and tighten them. Use the spark plug socket #16. Use a torque wrench. Tighten it to 27 nm torque.

Replacement: spark plugs – Mercedes W202. AUTODOC experts recommend:

- Don't tighten the plugs with excessive force. Exceeding tightening torque can damage the thread connection.
- Be careful when working with a spark plug wrench. Its skewing can cause damage to the threaded connection.

18



Install the spark plug wire connectors into the spark plug wells. Make sure you hear a click indicating that it is locked in place.

AUTODOC recommends:

- Replacement: spark plugs – Mercedes W202. Follow the installation steps.

19



Install the engine cover and secure it.

Replacement: spark plugs – Mercedes W202. AUTODOC recommends:

- Make sure the engine cover is properly seated. It should not be displaced with respect to the guiding fasteners.
- Do not apply excessive force when installing the part. Otherwise you may damage the fasteners.

20



Screw in the engine cover fasteners. Use HEX No.H5. Use a ratchet wrench.

21



Install the air filter pipe.

22



Connect the air intake pipe to the air filter housing.

23



Fasten the clamp on the air intake hose. Use a flat screwdriver.

24



Plug in the mass air flow sensor conntector.

25



Attach the vacuum pipe.

26



Screw in the clamp that connects the air filter hose to the throttle body. Use a flat screwdriver.

27

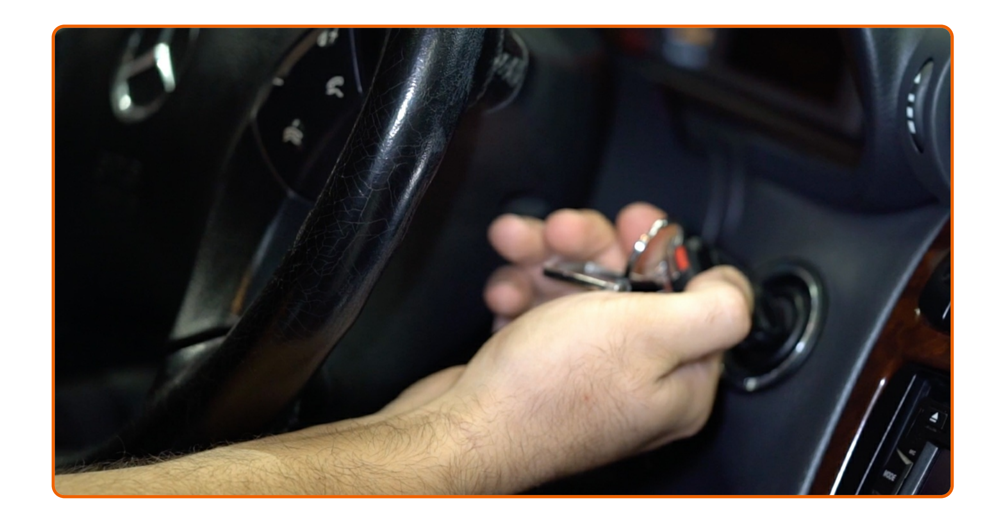
Remove the fender protection cover.

28



Close the hood.

29



Run the engine for a few minutes. This is necessary in order to make sure that the component operates properly.

30

Shut off the engine.

DID YOU FIND THESE INSTRUCTIONS HELPFUL?

YES

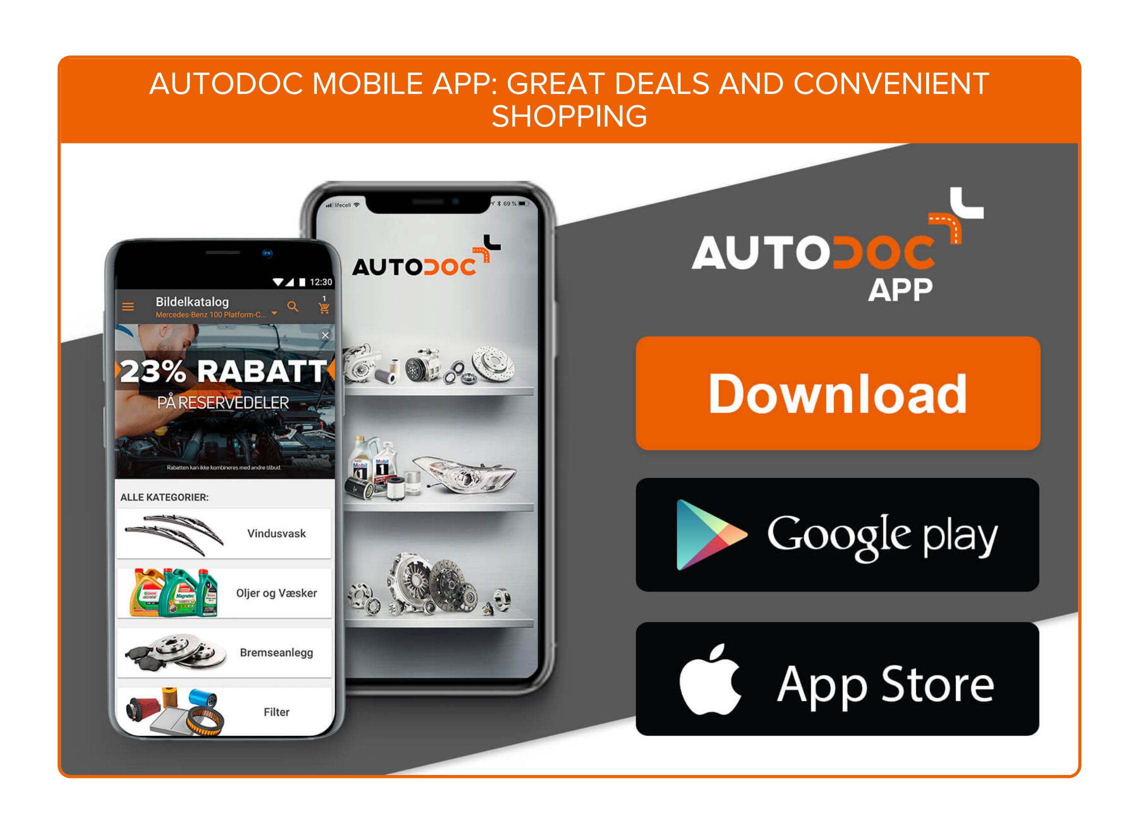
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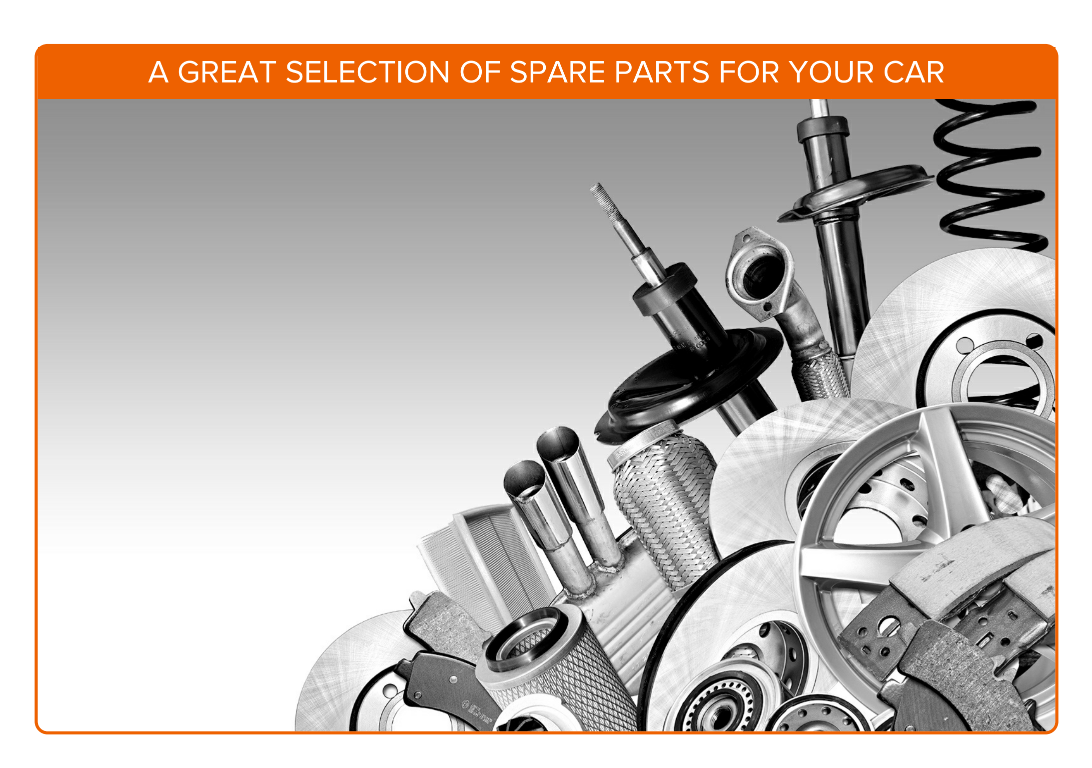
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SPARK PLUGS FOR MERCEDES: BUY NOW





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